

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061157.D
 Signal(s) : FID1A.ch
 Acq On : 17 Aug 2022 03:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:12:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.632	2762816	16.835 ug/ml
Spiked Amount 50.000		Recovery =	33.67%
12) S 1-chlorooctadecane (S...	11.993	2238655	16.863 ug/ml
Spiked Amount 50.000		Recovery =	33.73%
Target Compounds			
1) T n-Nonane (C9)	2.635	2492654	17.699 ug/ml
2) T n-Decane (C10)	3.628	2535742	17.976 ug/ml
3) T A~Naphthalene (C11.7)	5.181	2636215	18.546 ug/ml
4) T n-Dodecane (C12)	5.571	2682371	18.098 ug/ml
5) T A~2-methylnaphthalene...	6.207	2534969	18.483 ug/ml
6) T n-Tetradecane (C14)	7.317	2701738	17.996 ug/ml
7) T n-Hexadecane (C16)	8.876	2737186	17.886 ug/ml
8) T n-Octadecane (C18)	10.280	2752863	17.629 ug/ml
10) T n-Eicosane (C20)	11.556	2712928	17.287 ug/ml
11) T n-Heneicosane (C21)	12.153	2678367	17.118 ug/ml
13) T n-Docosane (C22)	12.724	2645659	16.968 ug/ml
14) T n-Tetracosane (C24)	13.800	2539036	16.631 ug/ml
15) T n-Hexacosane (C26)	14.795	2433081	16.300 ug/ml
16) T n-Octacosane (C28)	15.720	2361870	16.483 ug/ml
17) T n-Tricontane (C30)	16.586	2452159	17.515 ug/ml
18) T n-Dotriacontane (C32)	17.396	2511565	18.610 ug/ml
19) T n-Tetratriacontane (C34)	18.159	2443785	19.485 ug/ml
20) T n-Hexatriacontane (C36)	18.878	2448090	20.028 ug/ml
21) T n-Octatriacontane (C38)	19.559	2391921	20.266 ug/mlm
22) T n-Tetracontane (C40)	20.206	2325232	20.203 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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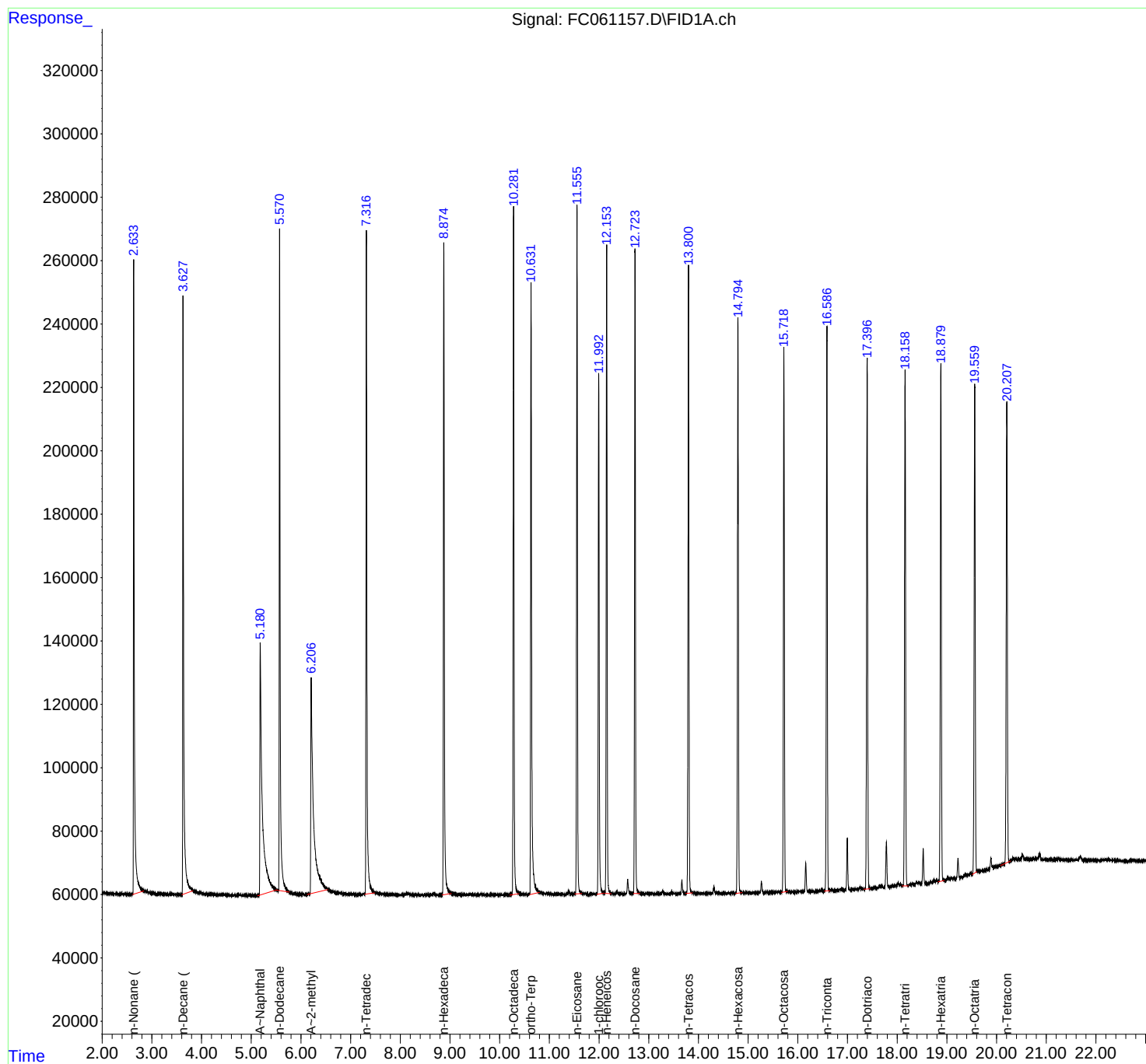
Instrument :
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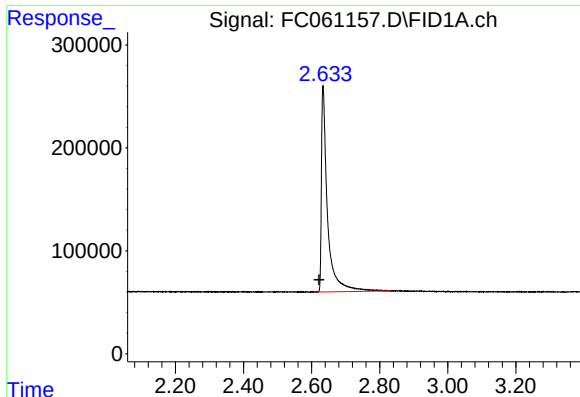
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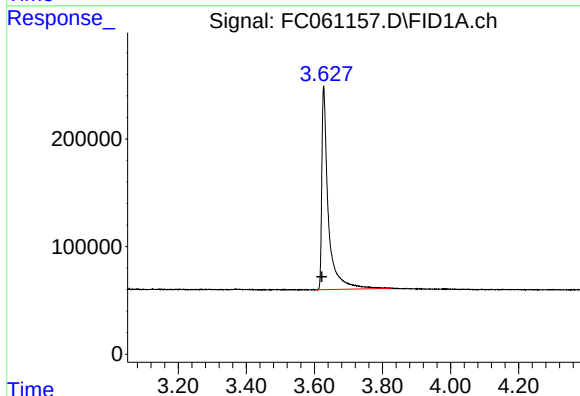
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: 0.013 min
Response: 2492654
Conc: 17.70 ug/ml

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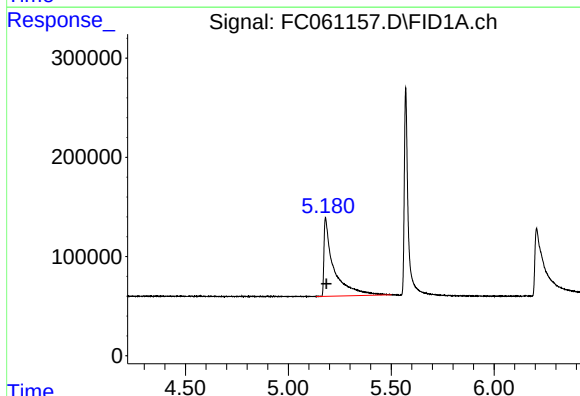
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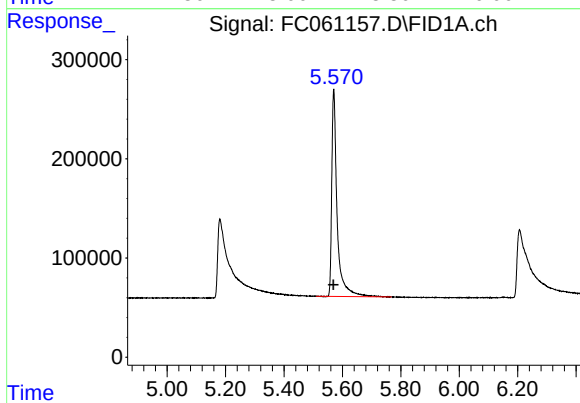
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.007 min
Response: 2535742
Conc: 17.98 ug/ml



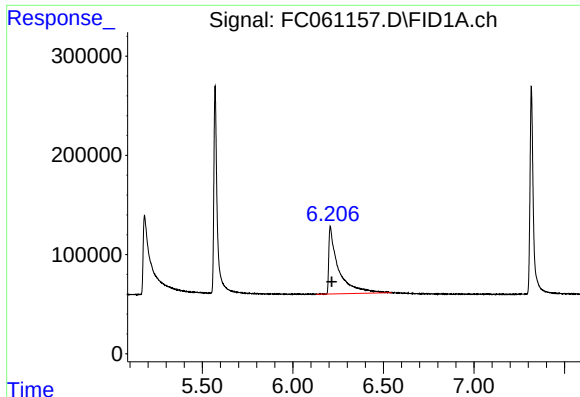
#3 A~Naphthalene (C11.7)

R.T.: 5.181 min
Delta R.T.: -0.003 min
Response: 2636215
Conc: 18.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 2682371
Conc: 18.10 ug/ml



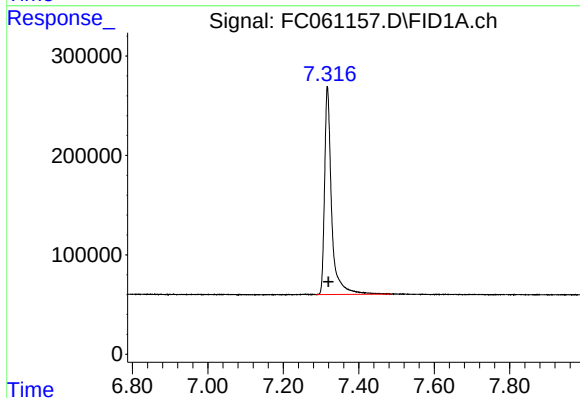
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.207 min
Delta R.T.: -0.008 min
Response: 2534969
Conc: 18.48 ug/ml

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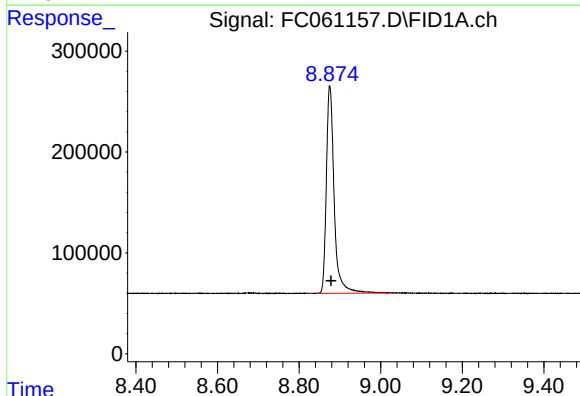
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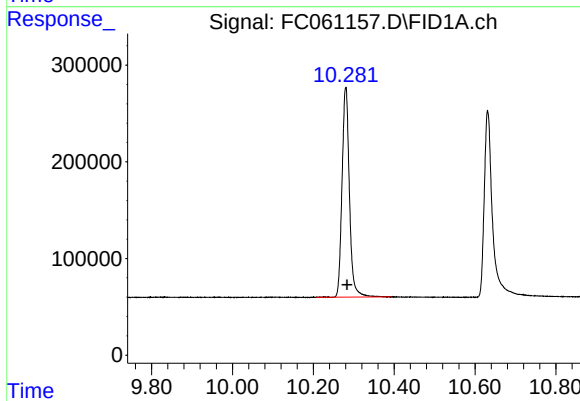
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 2701738
Conc: 18.00 ug/ml



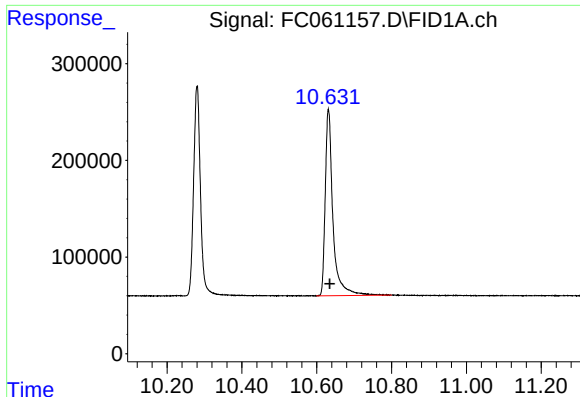
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 2737186
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 2752863
Conc: 17.63 ug/ml



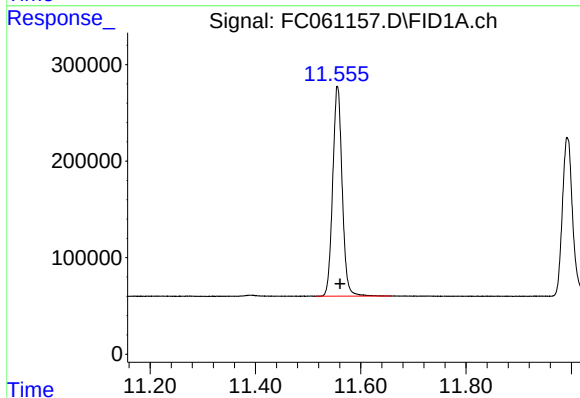
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.003 min
Response: 2762816
Conc: 16.84 ug/ml

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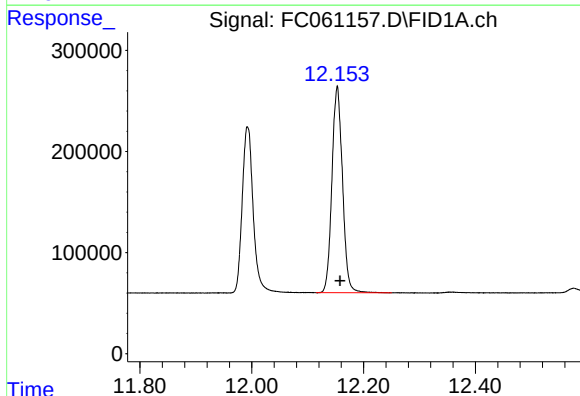
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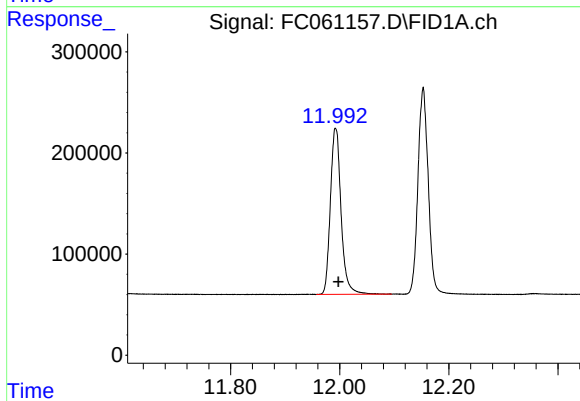
#10 n-Eicosane (C20)

R.T.: 11.556 min
Delta R.T.: -0.005 min
Response: 2712928
Conc: 17.29 ug/ml



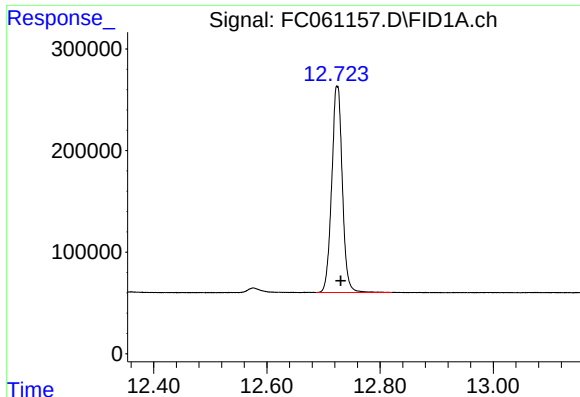
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 2678367
Conc: 17.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.993 min
Delta R.T.: -0.005 min
Response: 2238655
Conc: 16.86 ug/ml



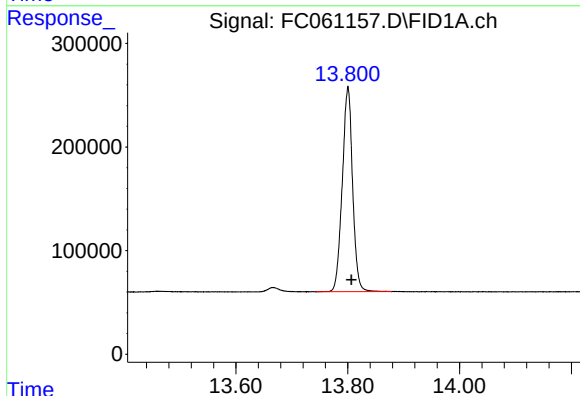
#13 n-Docosane (C22)

R.T.: 12.724 min
Delta R.T.: -0.006 min
Response: 2645659
Conc: 16.97 ug/ml

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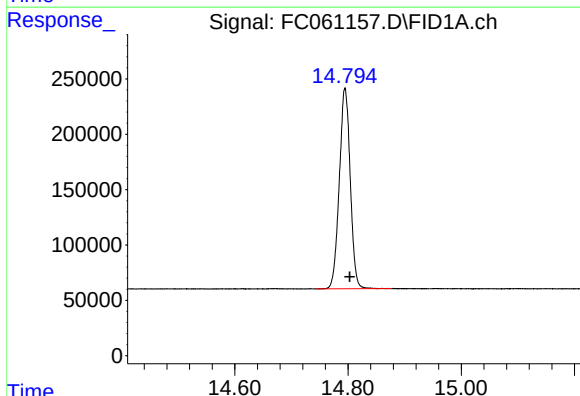
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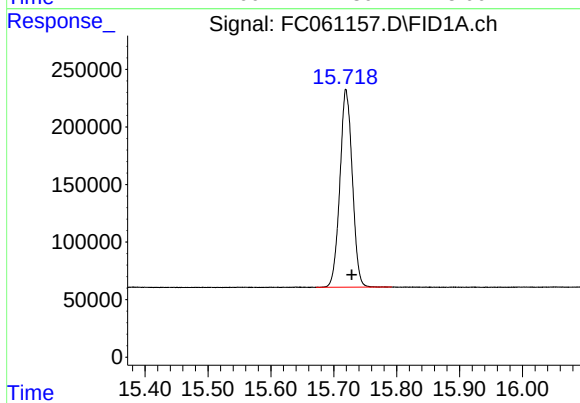
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.006 min
Response: 2539036
Conc: 16.63 ug/ml



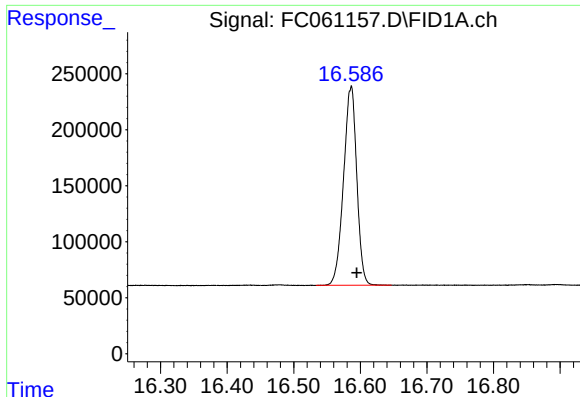
#15 n-Hexacosane (C26)

R.T.: 14.795 min
Delta R.T.: -0.008 min
Response: 2433081
Conc: 16.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.720 min
Delta R.T.: -0.009 min
Response: 2361870
Conc: 16.48 ug/ml



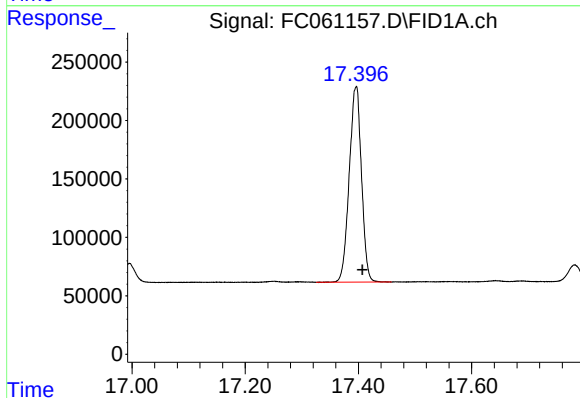
#17 n-Tricontane (C30)

R.T.: 16.586 min
Delta R.T.: -0.008 min
Response: 2452159
Conc: 17.52 ug/ml

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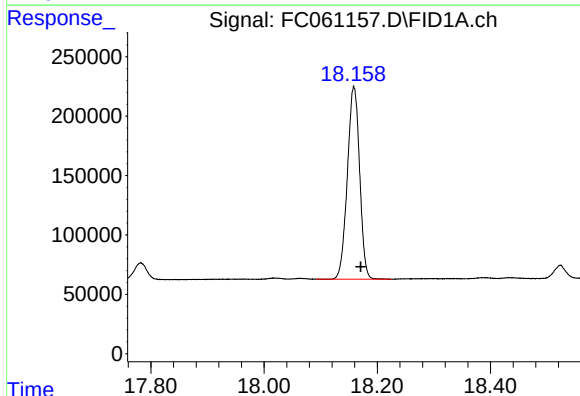
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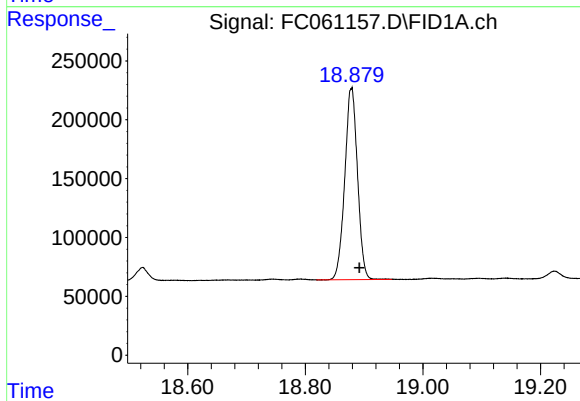
#18 n-Dotriacontane (C32)

R.T.: 17.396 min
Delta R.T.: -0.011 min
Response: 2511565
Conc: 18.61 ug/ml



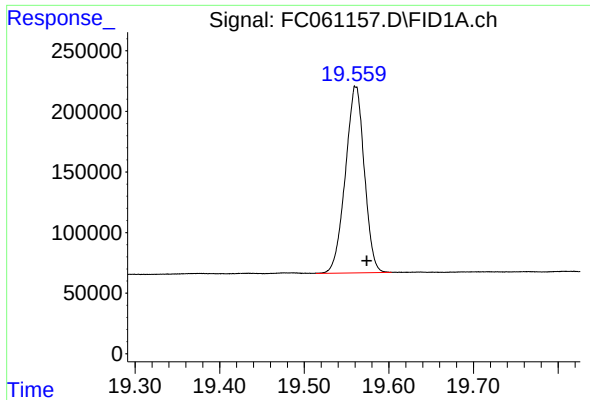
#19 n-Tetratriacontane (C34)

R.T.: 18.159 min
Delta R.T.: -0.012 min
Response: 2443785
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.878 min
Delta R.T.: -0.014 min
Response: 2448090
Conc: 20.03 ug/ml



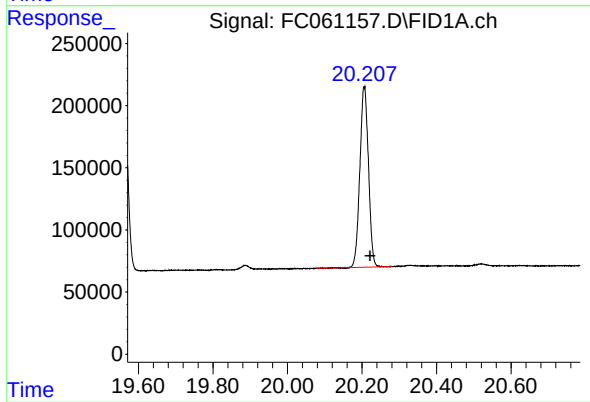
#21 n-Octatriacontane (C38)

R.T.: 19.559 min
Delta R.T.: -0.015 min
Response: 2391921
Conc: 20.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.206 min
Delta R.T.: -0.016 min
Response: 2325232
Conc: 20.20 ug/ml